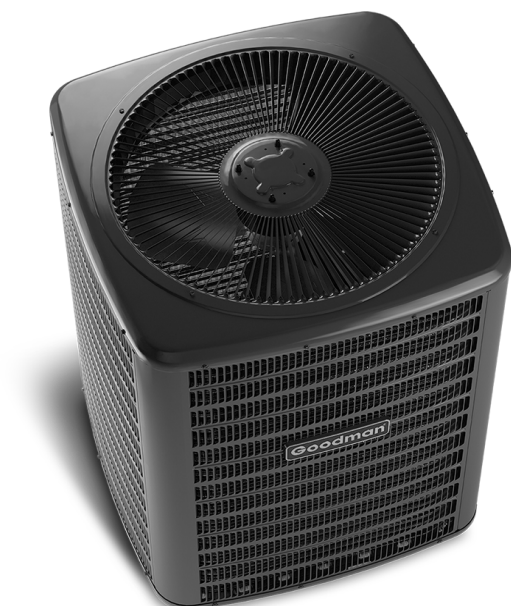


COOLING CAPACITY: 18,000 - 57,000

**ENERGY-EFFICIENT
SPLIT SYSTEM AIR CONDITIONER
1½ To 5 TONS
UP TO 16 SEER**



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Standard Features

- Energy-efficient compressor
- Factory-installed filter drier
- Fully charged for 15' of tubing length
- Copper tube/aluminum fin coil
- Service valves with sweat connections and easy-to-access gauge ports
- Contactor with lug connection
- Ground lug connection
- AHRI Certified
- ETL Listed

Cabinet Features

- Heavy-gauge galvanized-steel cabinet with a louvered sound control top
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- Wire fan discharge grille
- Steel louver coil guard
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets the 2017 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



Proper sizing and installation of equipment is critical to achieving optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit www.energystar.gov.

10 YEAR PARTS LIMITED WARRANTY*

2 YEAR UNIT REPLACEMENT LIMITED WARRANTY*



COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =

COMPANY WITH
ENVIRONMENTAL SYSTEM
CERTIFIED BY DNV GL
= ISO 14001 =



* Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the 2-Year Unit Replacement Limited Warranty and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

G		S		X	16	0	36	1	AA
1		2		3	4,5	6	7,8	9	10,11
Brand					Engineering				
G Goodman® Brand					Major & Minor Revisions (not used for inventory or ordering)				
Product Category					Electrical				
S Split System					1 208/230 V, 1 Phase, 60 Hz 2 220/240 V, 1 Phase, 50 Hz 3 208/230 V, 3 Phase, 60 Hz				
Unit Type					Nominal Capacity				
X Condenser R-410A					18 1½ Tons 30 2½ Tons 42 3½ Tons				
Z Heat Pump R-410A					19 1½ Tons 31 2½ Tons 43 3½ Tons				
Efficiency					24 2 Tons 36 3 Tons 48 4 Tons				
13 13 SEER 16 16 SEER					25 2 Tons 37 3 Tons 60 5 Tons				
14 14 SEER 18 18 SEER									
Legacy National Model									
0 Legacy National Model									
S Sold In Southeast and North Regions									
A Sold In All Regions									

	GSX16 0181F*	GSX16 0241F*	GSX16 0301F*	GSX16 0311A*	GSX16 0361F*	GSX16 0371A*	GSX16 0421F*	GSX16 0481F*	GSX16 0601F*
CAPACITIES									
Nominal Cooling (BTU/h)	18,000	23,600	29,000	30,000	34,800	36,000	42,000	45,500	54,000
SEER	16	16	16	16	16	16	16	16	16
Decibels	71.5	71.5	71.5	73.5	71.5	73	73	73	73
COMPRESSOR									
RLA	9.0	13.5	12.8	12.8	14.1	15.4	17.9	17.9	21.4
LRA	46	58.3	64	64	77	83.9	112	112	135
CONDENSER FAN MOTOR									
Horsepower	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/4	1/3
FLA	0.95	0.95	0.95	0.95	0.95	0.95	0.95	1.30	2.80
REFRIGERATION SYSTEM									
Refrigerant Line Size ¹									
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"
Refrigerant Connection Size									
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	78	70	78	94	94	93	110	121	237
ELECTRICAL DATA									
Voltage-Phase (60 Hz)	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Minimum Circuit Ampacity ²	12.2	17.8	17.0	17.0	18.6	20.2	23.3	23.7	29.6
Max. Overcurrent Protection ³	20	30	25	25	30	35	40	40	50
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
EQUIPMENT WEIGHT (LBS)	145	142	149	155	162	182	206	219	279
SHIP WEIGHT (LBS)	163	160	167	179	180	204	228	241	301
ENERGY STAR® CERTIFIED									

ENERGY STAR NOTES

- Proper sizing and installation of equipment is critical to achieving optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit www.energystar.gov.
- The www.energystar.gov website provides up-to-date system combinations certified to meet ENERGY STAR® requirements.

¹ Tested and rated in accordance with AHRI Standard 210/240

² Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

³ Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- Installer will need to supply 3/4" to 1 1/4" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- Installation of these units requires the specified TXV Kit to be installed on the indoor coil.
THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT NOT THE INDOOR COIL.

	GSX16S 181A*	GSX16S 241A*	GSX16S 301A*	GSX16S 361A*	GSX16S 421A*	GSX16S 481A*
CAPACITIES						
Nominal Cooling (BTU/h)	18,000	23,600	29,000	34,800	42,000	45,500
SEER	16	16	16	16	16	16
Decibels	71	71	73.5	73.5	73	73
COMPRESSOR						
RLA	6.0	7.7	12.8	14.1	17.9	17.9
LRA	37.5	38	64	77	112	112
CONDENSER FAN MOTOR						
Horsepower	1/6	1/6	1/6	1/6	1/6	1/4
FLA	0.95	0.95	0.95	0.95	0.95	1.30
REFRIGERATION SYSTEM						
Refrigerant Line Size ¹						
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"
Refrigerant Connection Size						
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	84	70	78	94	110	121
ELECTRICAL DATA						
Voltage-Phase (60 Hz)	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Minimum Circuit Ampacity ²	8.5	10.6	17.0	18.6	23.3	23.7
Max. Overcurrent Protection ³	15	15	25	30	40	40
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
EQUIPMENT WEIGHT (LBS)	135	132	149	162	206	219
SHIP WEIGHT (LBS)	154	150	167	180	228	241
ENERGY STAR® CERTIFIED			NO	NO	NO	NO

ENERGY STAR NOTES

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